

TOBYHANNA REPORTER

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VOL. 54, No. 8 **TOBYHANNA ARMY DEPOT, TOBYHANNA, PA.** **(WWW.TOBYHANNA.ARMY.MIL)** **MAY 4, 2010**

News Notes

One Stop Shop tickets on sale

The One Stop Shop sells tickets for several off-post events. For details, call X58851.

Scranton Wilkes-Barre Yankees baseball season tickets (Section 123, Row L, seats 1-8) are available for \$6. Yankees tickets for the May 28 game starting 7:05 p.m. are also on sale for \$5. For more information, call X58851

Cinemark prepaid admission tickets cost \$6 at the One Stop Shop.

Resort plans appreciation day

Tobyhanna Appreciation Day at Sno Cove is July 24. General admission tickets cost \$3 and admission tickets plus a buffet lunch, \$20. Free admission for active duty military members.

The deadline to purchase tickets is July 22. For more information, call the One Stop Shop, X58851.

Shop sells golf passes

Golf passes for the Scranton Municipal, Pocono Manor and Pocono Farms courses are available.

The weekday 9-hole course at the Scranton Municipal and Pocono Manor costs \$15, the 18-hole course, \$20 and weekend 18-hole course, \$30.

Passes to the Pocono Farms Golf Course cost \$35 per person. For more information, call X58851.

Depot schedules education fair

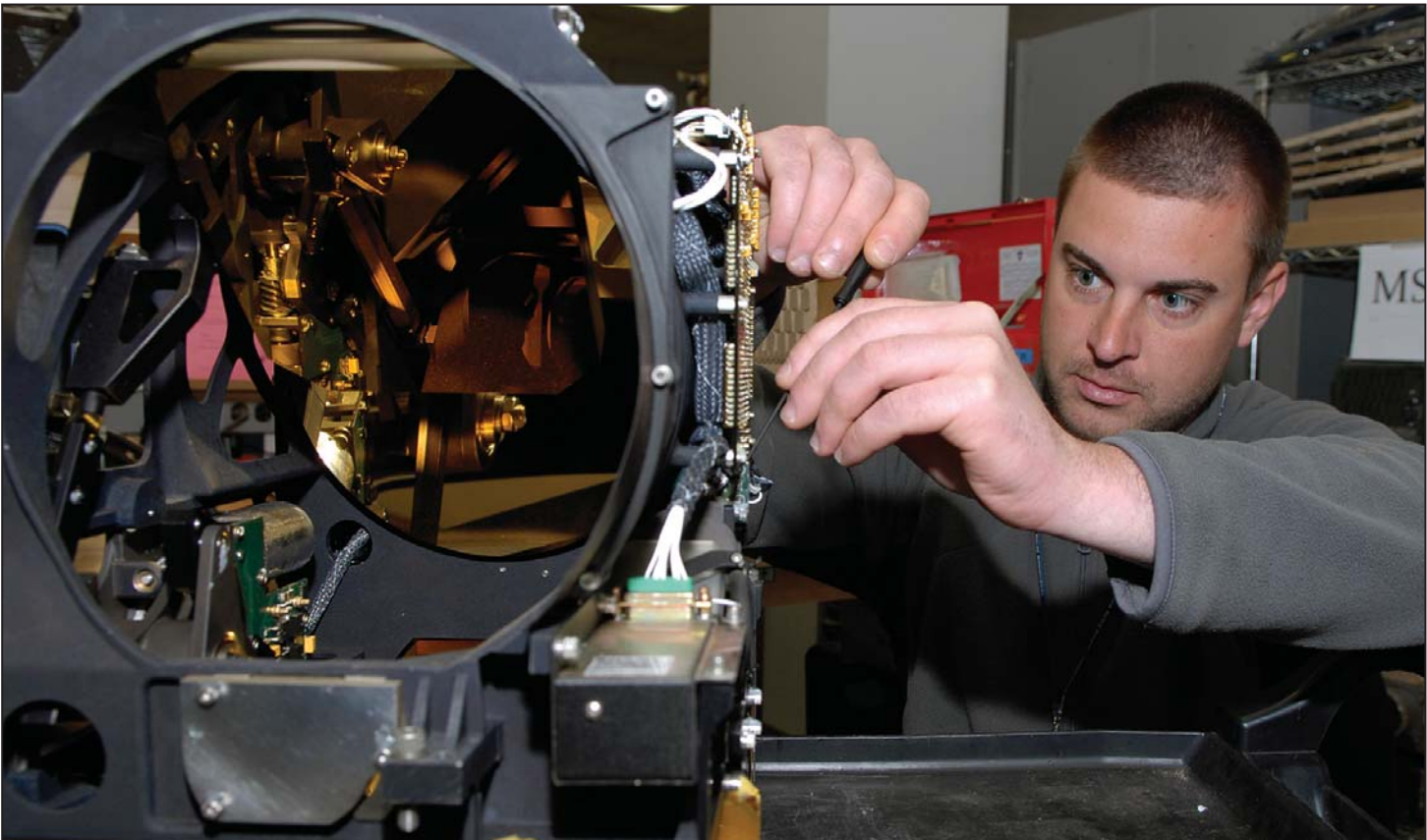
The Technical Development Division will host an education fair in Café 4 from 8 a.m. to 4 p.m. May 12 and 13.

There will be a variety of educational institutions presenting information on academic programs, registration and admission requirements for technical, undergraduate and graduate classes.

A day at the park

Individuals can purchase tickets to Dorney Park and Wildwater Kingdom by visiting <http://mygroup.dorneypark.com> (enter company code ID TobyOSS2010) or stop by the One Stop Shop. Adult

See NOTES on Page 6



Scott Marzec, electronics mechanic, inspects an Integrated Optical Bench for the Long Range Advance Scout Surveillance System. (Photo by Steve Grzedzinski)

Key surveillance systems part of surge workload

by **Anthony Ricchiazzi**
Editor

Electro Optics/Night Vision personnel are preparing several key surveillance systems to support the surge in Afghanistan.

Technicians in the Man Portables Branch of the Electro Optic/Night Vision Division are Resetting several Long Range Advanced Scout Surveillance Systems (LRAS-3) for an Army unit set to deploy to Afghanistan.

The division is part of the Intelligence, Surveillance and Reconnaissance Directorate.

The LRAS-3 is a multi sensor system used by scout units to detect, recognize, identify and geo-locate distant targets.

“It uses Forward Looking Infrared (FLIR) imaging to allow Soldiers to see people and vehicles in any weather condition,” said Colt Bowen, electronics mechanic. “It is mounted on Humvees and Strykers, and is used dismounted as well.”

Branch Chief Steve Boyce said the system has global positioning, a laser range

finder and an inclinometer to pinpoint and provide coordinates of hostile forces, whether they are on foot or in vehicles. The system was fielded in 2001.

“We started working on this system about two years ago,” Boyce said. “We began with inspecting and testing, and have been developing repair capability. For this rush job, we are testing and replacing components such as circuit cards.”

“We can repair the housing and hand grips,” Bowen added.

Four technicians are working the quick-response mission.

“Troubleshooting is the most difficult part of this,” said Scott Marzec, electronics worker. “We find different problems on every system. One may need a new part for the GPS, another may have a problem with a FLIR circuit card.”

“Plus there are six versions of the system and not everything is interchangeable,” Boyce noted. “The programming and circuit cards are different, so if they find a problem with a circuit card, it’s not just

a matter of popping in another card. The programming has to match as well.”

Robert Youngblood, the LRAS 3 Integrated Logistics Support Manager, says Tobyhanna Army Depot provides PM FLIR with the capability to support the Warfighter in both Iraq and Afghanistan.

“PM FLIR (LRAS3) has been working with the depot’s electro optics shop since late fiscal year 2008 and have developed a relationship and capability which has been highly beneficial to both parties,” he said. “Tobyhanna provides the Program Manager with a resource that we can call on to meet short suspense’s to provide much needed equipment into the hands of the our Soldiers and Warfighters.”

“This capability is truly a ‘Force Mutiplier,’ he added. “The PM will continue to work with Tobyhanna Army Depot and EO shop there, as well as our offsite storage facility in Warehouse 5 that provides us with the capability to store and ship critical equipment and parts to support the warfighter.”

Branch employees prep for new workload

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Aviation event confirms value of electronics repair

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Around the Depot spotlights personnel, mission

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Mother’s Day provides opportunity to thank individuals who nurture others

CHAPLAIN’S CORNER
by Chaplain (Maj.) Tammie Crews

Mother’s Day, as I was growing up, usually meant going to church. The theme of the day venerated the virtues of motherhood.



There would always be a present for the oldest mother, the youngest mother, the mother with the youngest baby, the mother with the most children, and so forth. Then, all the mothers would be called to the front to receive either a flower or some chocolates from the pastor.

At school, the teacher would usually supervise the making of Mother’s Day cards. So, one way or another, Mother’s Day was not forgotten.

I am sure that my father remembered Mother’s Day each year, although I can only recall one time that he attempted to mark the occasion.

As a young adult, my father was neither much of a cook or church goer. On this particular Mother’s Day, my father stayed home as usual while my mother, brother and I went to church. He had planned to surprise my mother by cooking Sunday dinner.

I passed on dinner that day. His attempt to make fried chicken and macaroni and cheese was well intended, but not very successful.

Afterward, I don’t recall that he ever tried to improve his culinary skills. He did not need to, nor was he encouraged to because my mother is such a great cook. My father passed away 30 years ago.

Some of us have had the privilege of

having wonderful mothers or individuals who have nurtured us like a mother. They give of themselves without reservation for their children and rarely ask for anything in return. They do so much for others, sometimes sacrificing their own needs or comforts in the process.

If you are a mother, hope to be a mother some day, or if you are like a mother to someone, I hope that you feel deeply appreciated and loved this Mother’s Day.

Take the time to do something very special for your mother or the person who fills that special place in your heart.

My mother and brother arrived for a visit a couple weeks ago. As many know, my mother was very ill last year, but she has made great strides toward recovery. I am very thankful to have this time together – time that at one point I was not sure we would be privileged to have – and to be able to wish her a happy Mother’s Day.

As a family, we decided to go see the play Joseph, a re-enactment of the life of the Old Testament figure Joseph, who was the favorite son of Jacob.

From the story, we learned that Joseph lost his mother when he was a young boy. She died in childbirth when Benjamin, Joseph’s youngest brother, was born. He had only memories of the love and nurture of his mother. I am sure that even these memories gave him courage in the dark hours of his life when he was sold into slavery by his jealous half brothers and when he was cast into prison as an innocent man.

When his fortunes changed, it was the values and character instilled in him by his mother that lead him to have a family of his own and became second in charge of all Egypt.



Gone fishing

Barneys Lake gets stocked with about 600 fish on April 15. Fishing permits are available at the One Stop Shop or the Mack Field House. Permits cost \$10 for depot employees, retirees, active duty military and family members. Military housing residents who present a Family Covenant Card will receive a free permit. Adult and child permits for all others will cost \$60 and \$30, respectively. A valid Pennsylvania fishing license and trout stamp is required to receive an adult permit. Fishing permits are non-transferable. For details, call X57092 or X58851. (Photos by Steve Grzezdinski)

HOW ARE
WE
DOING?



TOBYHANNA CUSTOMER SATISFACTION SURVEY

www.tobyhanna.army.mil

Click on the customer service link
to rate depot support, services

TOBYHANNA REPORTER

The *Tobyhanna Reporter* is an authorized, biweekly publication for members of the Department of Defense.

Contents of the *Tobyhanna Reporter* are not necessarily the official views of, or endorsed by, the U.S. government, the Department of Defense or the Department of the Army.

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TEAM
TOBYHANNA
EXCELLENCE IN
ELECTRONICS



Fred Granoski, electronics mechanic, performs setup and repair of an AN/APX-124 transponder. Granoski joined forces with a coworker to develop an interface box and cabling to test the Air Force’s latest identify friend or foe equipment. (Photo by Steve Grzezdinski)

Branch preps for new transponder workload

by Jacqueline Boucher
Assistant Editor

Tobyhanna electronics mechanics built a prototype test set to support the Air Force’s latest identify friend or foe (IFF) equipment. Transponder Branch employees are gearing up to repair hundreds of AN/APX-124(C) Digital Transponders being installed in active duty and National Guard F-16 Fighting Falcon aircraft. New test equipment and cables fabricated here will support a new Inter Service Depot Agreement between Tobyhanna and the Air Force. A transponder is an electrical device designed to receive a specific signal and automatically transmit a specific reply. When used in aircraft, transponders help distinguish friendly forces from the enemy. “The cost center’s extensive experience on the AN/APX-118 and AN/APX-123 made Tobyhanna the depot repair facility for this equipment,” said John Manning, branch

chief. “The branch will be responsible for repairing hundreds of units installed in the Block 40/42 version of the fighter aircraft.” Manning works in the Command, Control and Computer/Avionics Directorate’s Avionics Division. According to Manning, the new workload is valued at more than \$20 million and having Tobyhanna perform the repairs will save the government more than \$400,000 over the life of the program. The new test set works with legacy equipment to simulate how the transponder works inside the cockpit of an aircraft. Electronics Mechanics Fred Granoski and Kevin Jones teamed up to develop an interface box and the cabling necessary to test the AN/APX-124(C). As a result, their design allows older model test equipment to work on new technology. “We reverse engineered the AN/APX-124 inputs and outputs and created an interface box to control the signals of the test

parameters” said Granoski. “We were tasked to develop capability to test and repair, thus insuring that future workload of the AN/APX-124 is met.” “The transponder thinks it’s in the aircraft when hooked up to the test set,” said John Kostiak, electronics mechanic. “Fred and Kevin took existing information to create an interface box that adapts an older control panel to the transponder.” He explained that the control panel is currently used to test the AN/APX-118 and the interface helps it communicate with the newer equipment. There are more than 20 employees who test and repair several types of transponders supporting Navy, Army and Air Force programs. Thousands pass through the shop annually. “Everyone has done an outstanding job getting ready for this program,” Manning said. “We’re excited to be working on this brand new technology.”

Philippine Scouts played key role in liberation of island during World War II

by Caitlin Best
Equal Employment Opportunity Office

Who were the Philippine Scouts, how did they help the U.S. Army and what contribution did they make to this country’s military success? The first Scout organizations were created in 1901 during the early days of the American occupation of the Philippine Islands by the induction of Filipinos into the service of the U.S. Armed Forces. Their mission was to help restore peace and order in troubled areas. During World War II, the Scouts were ordered to surrender by the Japanese. Most did; however, many ran off to form or join guerrilla bands that were organizing across the country. The guerillas harassed the enemy and provided intelligence to American forces. During the bleak years of

1942-44, they tried to establish communication with Gen. Douglas MacArthur’s headquarters in Australia to contest the Japanese control of the Philippines. In response to 4,000 radio messages, the general snuck equipment and commando teams to the guerillas via submarines. The guerillas remained dedicated to their cause even when the Japanese publicly beheaded captured leaders. One of those leaders was Lt. Col. Guillermo Nakar, a former member of the 14th Infantry of the Philippine Army. After being caught sending intelligence information to MacArthur’s headquarters, he was tortured and beheaded. Instead of shutting down the cell’s operations out of fear, a new leader rose to carry on the fight. When American forces returned to the Philippines in October 1944, they were met by survivors of the Philippine Scouts.

Scouts played an important role in the months to follow during intense fighting to subdue the Japanese forces in the Philippines. For example, as American troops advanced in Luzon, guerilla forces cut telephone wires to interrupt Japanese communications, while key bridges were destroyed. MacArthursaidthattheseirregularsinLuzon“accomplished the purpose of practically a front-line division.” The Philippines were declared secure on June 30, 1945, and on July 5, MacArthur announced that “The entire Philippine Islands are now liberated.” This was in large part due to the help received from the Philippine Scouts. Sources: http://ww2db.com/battle_spec.php?battle_id=27 and http://philippine-defenders.lib.vv.us/pdf/scouts/Philippine_Scouts_Olsen.pdf

Quiz tests knowledge of Asian Pacific heritage

The Equal Employment Opportunity Office will observe Asian Pacific American Heritage Month with a contest recognizing the accomplishments of people of Asian-American descent. Eight people will be selected, from those who answer all five questions correctly, to receive one of the following prizes: a pen, T-shirt, drawstring bag or \$5 coupon redeemable at the Post Restaurant. Mail or hand-deliver the completed quiz to the EEO Office, Building 1C, Bay 1, Box 5038. The deadline for submissions is close of business May 21.

1. When did Japanese-American Army Cpl. Terry Teruo Kawamura earn a posthumous Medal of Honor for saving lives in Vietnam?

2. This Chinese-American joined the New York Infantry, but later died from wounds at the Battle of Gettysburg.
a.) John Tomney
b.) Kiro Kunitomo
c.) Haing Ngor
3. He was the first Chinese-American appointed as a major general in the U.S. Army.
a.) Frederick Pang
b.) Herbert Choy
c.) William Shao Chang Chen
4. On August 14, 1952, this Filipino-American was posthumously presented the Medal of Honor for gallantry in repulsing the enemy on July 4, 1951, in Chichon, Korea.
a.) Sgt. LeRoy A. Mendonca
b.) Capt. Daniel K. Inouye
c.) Sgt. Roy H. Matsumoto
5. On January 28, 1986, this Asian-American Astronaut died in space shuttle Challenger explosion.

Name

Organization

Cost center
Source: <http://www.defense.gov/news/newsarticle.aspx?id=43031>

Reality check: Training day provides insight to avionics technicians

by Jacqueline Boucher
Assistant Editor

Army aviators met with the men and women who repair avionics systems in the UH-60 Black Hawk and CH-47 Chinook during a familiarization training day at Tobyhanna April 21.

Hundreds of avionics technicians toured two static display helicopters and talked to crew members about how their job impacts the warfighter.

As part of the day's events, Tobyhanna hosted the first Region 5 of the Mid-Atlantic Chapter of the Army Aviation Association of America luncheon.

"Thank you from the viewpoint of one of those aviators in the aircraft," said guest speaker Col. John Gallagher, 244th Combat Aviation Brigade commander, Fort Dix, N.J. "We appreciate what you do for us every day. You're work allows us to do our job."

Michael Edwards flew in several types of aircraft while deployed to Iraq, but admitted that this experience was different. Seeing the equipment mounted in the aircraft helped him realize how important it is to perform his job to the best of his ability.

"I knew Tobyhanna worked on equipment that I used when I was deployed; but to work on that same equipment and see it being used puts what you do into perspective," he said. "The experience opened my eyes to not only how important my job is, but everything we do here."

Capt. Trevor Patrick piloted the Chinook onto a field near The Landing. He and flight engineer Staff Sgt. Travis Goebel welcomed visitors and explained how different avionics systems work on the helicopter. Patrick is the company commander for Bravo Company 2-104, 28th Combat Aviation Brigade, Fort Indiantown Gap. The unit and aircraft recently returned from a 12-month deployment in Iraq.

"It's great to meet the people who make it all happen," Patrick said shaking hands with William and Mark Staples, electronics mechanics in the Navigation Systems Branch. Once the captain learned William overhauled and repaired the AN/ARN-147 VOR/ILS Radio Receiving Set, he described how the system is used to navigate. Mark works



Darrin Sheare, electronics worker, checks out the communications instrument processor used in the Black Hawk helicopter, which he works on. (Photo by Tony Medici)

on the miniature airborne GPS receiver and the AN/ARN-89 Direction Finder Set.

The Black Hawk, piloted by Col. David Carey, set down near the Chinook. Carey is the 29th Combat Aviation Brigade commander, and commander of the Army Aviation Support Facility, Weide Army Airfield in Edgewood, Md. Crew chief Sgt. Alain Hawley was on hand to answer questions.

"Today, they'll [Tobyhanna employees] get to see the practical application of their work," Hawley said. "I hope seeing the aircraft reinforces their desire to do a good job."

The groups of employees milling around the helicopters seemed excited and curious about how their work affects the Soldiers and their mission.

Electronics Worker Darrin Sheare wanted to know where the communications instrument processor was located on the Black Hawk.

"I change microprocessor chips, make sure the right capacitor is in the equipment, change switches when necessary and make sure the component meets test requirements."

Another employee repairs the mode select switch panel, which is used in the Black Hawk helicopter.

"Having the opportunity to fly in one of our country's sophisticated aircraft was truly a unique experience," said Michael Grunza, electronics mechanic. "Not only was the flight fun and exciting, but I was able to see how the equipment I repair in the shop is used on the aircraft."

The event was dubbed a success by people who attended the day's activities, according to George Bellas, director of the Command, Control and Computer (C3)/Avionics Directorate. Bellas noted that feedback from the technicians

See AVIONICS on Page 8

PRIMARY TEAM — The command group, directors and deputy directors comprise the Tobyhanna Army Depot Primary Team. Members participate in a monthly decision-making meeting to discuss management issues, path ahead and significant challenges facing the depot.

INTELLIGENCE, SURVEILLANCE AND RECONNAISSANCE DIRECTORATE

ROBERT KATULKA, DIRECTOR



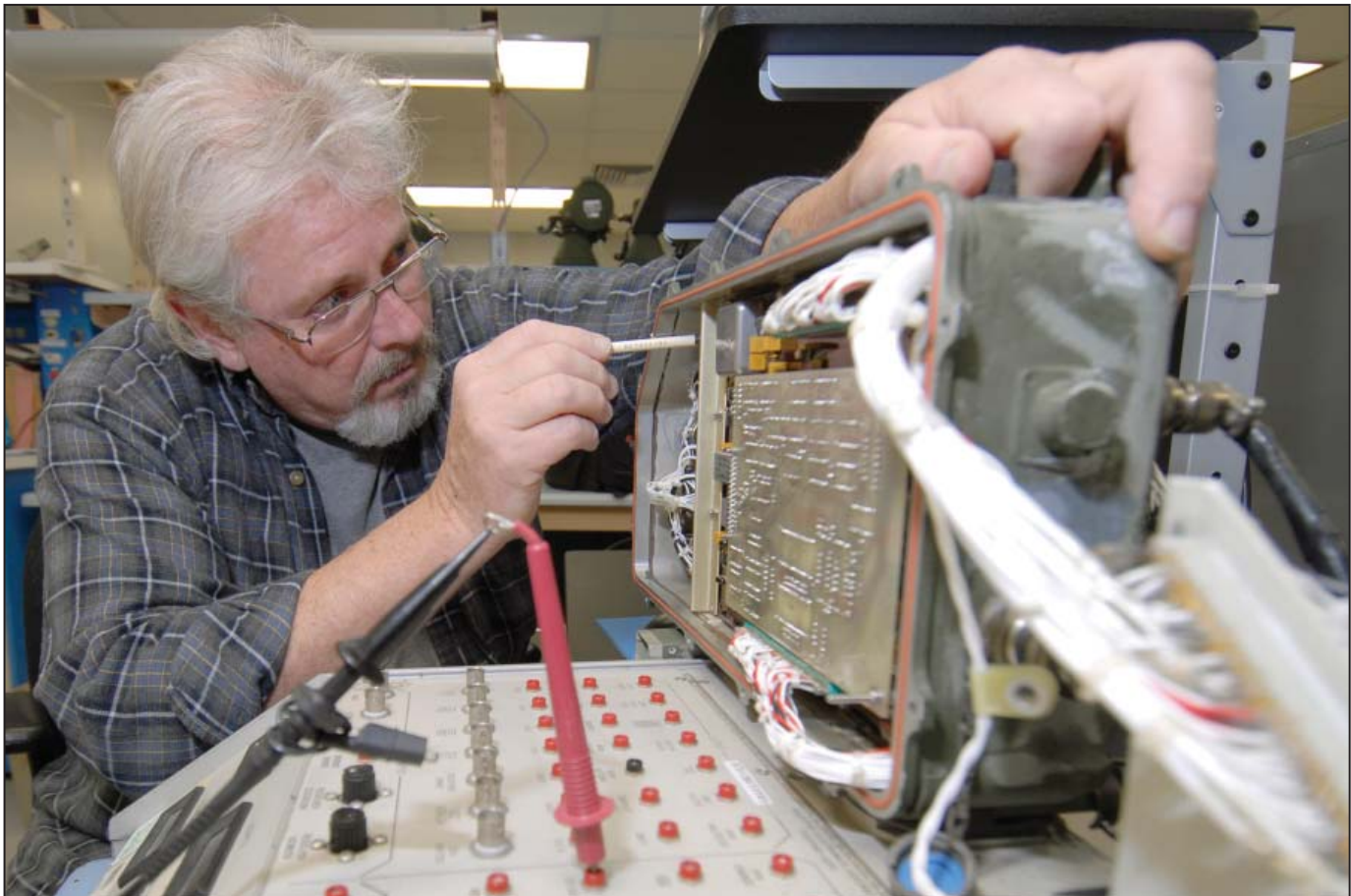
George Salitsky
Deputy Director

LEADERSHIP PHILOSOPHY — "We consistently communicate a vision for the directorate that supports the needs of our warfighters and ensures employee development. That vision includes continuous improvement, teamwork, leadership development, accountability and business focus. We set conditions that empower our folks to make decisions and implement significant process improvements that benefit our customers and foster growth in our employees ensuring our long term viability."

MISSION — Provide the warfighter with systems that bring information about the enemy or potential enemy to the decision-maker, whether that decision-maker is a top general in Washington, D.C., or a Soldier on the ground facing an armed attacker. These systems include signal intelligence/electronic warfare systems, counter improvised explosive device systems, electro optics/night vision components and systems, surveillance radars, ground control approach radars, weapons locating /counter fire radars, threat simulation systems and meteorological and navigation systems. Our mission is world-wide, supporting the overhaul, repair, Reset, field service, technical assistance and installation of these systems by more than 580 dedicated employees.

ORGANIZATION

- Signal Intelligence/Electronic Warfare Division**
 - Guardrail Field Service Branch
 - Electronic Warfare Systems Branch
- Counter Fire Division**
 - Firefinder Q-36 Systems Branch
 - Firefinder Q-37 Systems Branch
 - Lightweight Counter Fire Radar Systems Branch
 - Counter Fire Components Branch
- Air Traffic Control (ATCALS) Division**
 - GCA/Sensors Branch
 - Meteorological/Navigational Aids Branch
 - ATCALS Systems Branch
 - ATCALS Components Branch
- Surveillance Systems Division**
 - Air Defense Radar Systems Branch
 - Air Defense Radar Components Branch
 - Interrogator Branch
- Electro-Optic/Night Vision Division**
 - Image Optics Laser Branch
 - Bradley Fighting Vehicle Branch
 - Tank Thermal/Common Modules Branch
 - Man Portables Branch
- Range Threat Systems Division**
 - Multiple Threat Systems Branch
 - Threat Emitter Systems Branch
 - Threat Simulation and Analysis Systems Branch
 - Mini-MUTES Branch
 - Transmitters Branch



Joseph Corcoran, electronics mechanic, makes adjustments to the electronic unit in a Ground/Vehicular Laser Locator Designator (G/VLLD). The G/VLLD is used to designate stationary and moving vehicular targets for terminal homing munitions.

EXCELLENCE IN ELECTRONICS

AROUND THE DEPOT



Michael Rutherford, electronics mechanic, matches an electronic unit to the laser transmitter on a G/VLLD.



Paul Lukasiewicz, electronics mechanic, inspects a PVS-7D Night Vision Goggle prior to repair and testing. The goggle is a lightweight, high performance, passive third generation image intensifier system. Lukasiewicz is training for a CEER-T temporary-duty mission.



Frank Hill, electronics worker, removes dust particles from the objective lens of an AN/TVS-5a. The AN/TVS-5a is the standard night sight for select heavy machine guns.



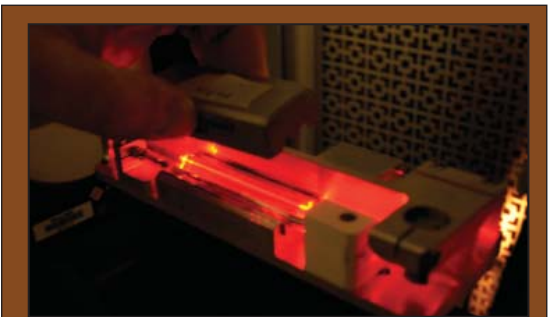
Byron Keener and Aaron Kimble make adjustments to the optical assembly for a M-60 Main Battle Tank Commander Control Unit. Both employees are electronics mechanics.

Image Optics/Laser Branch
Intelligence, Surveillance and
Reconnaissance Directorate

Branch employees overhaul, repair, modify, upgrade and test various types of night vision and laser designator equipment.



To achieve proper laser rod orientation for the G/VLLD, Stephen Marko, electronics mechanic, makes the final adjustment on the heat exchanger.



Equipment Specs

- Night vision assets include AN/PVS-7(A) (B) (D) goggles, AN/PVS-14 monocular and AN/PVS-4/5 scopes.
- Laser designator equipment includes the AN/TVQ-2 Ground/Vehicular Laser Locator Designator (G/VLLD), M60 tank commander fire control unit and the AN/PVS-6 Mini Eyesafe Laser Infrared Observation Set.

Photos by Steve Grzedzinski

WELCOME TO THE DEPOT

Name	Title	Organization
Charles Brown	Engineering tech, draftsman	D/PW
Lisa Burke	Secretary	D/ISR
Frank Carito	Electronics worker	D/Comm Sys
Dennis Cummings	Electronic measurement equip mech	TMDE
Jill Drake	Secretary	D/PII
James Gallagher	Electrician	D/PW
Angela Gilbert	Secretary	D/PM
Mark Grasso	Equipment cleaner	D/SIS
Juan Luna	Equipment specialist, electronics	D/C3/Avionics
Matthew Martinez	Logistics management specialist	D/C3/Avionics
Daniel McManus	Equipment specialist	D/ISR
Brian Regan	Industrial engineer	D/PII
Robert Smerdon	Materials handler	D/PW
George Tait	Production controller	D/C3/Avionics
Joseph Yannarella	Painter worker	D/SIS

RETIREEES

Name	Retirement date	Organization
Gary Black	Apr. 2	D/SIS
Linda Dutkevitch	Apr. 30	D/PM
Theodore Hittner	Apr. 30	D/SIS
Francis Karlavige	Apr. 2	D/Comm Sys
Richard Newberry	Apr. 1	D/ISR
Charles Siecko	Apr. 30	D/SIS
Stanley Wood	Apr. 30	D/PM

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tickets are priced at \$31 and junior/senior tickets are \$21.

Tickets to Hersey Park are on sale: \$43 for adults, \$28.50 for juniors and \$20.50 for seniors.

Baltimore National Aquarium tickets cost \$23 for adults, \$13 for children, \$22 for seniors, and \$20 for active duty or retired military members.

Time to plan a vacation

There will be a Travel Fair Thursday, 9 a.m.-2 p.m., in Building 1C, Bay 1 near the tech library.

Vendors from amusement parks, hotels, whitewater rafting and wilderness experiences will be present.

For more information, call X57150.

The Landing hosts new event

The Landing will host 1st Thursday May 6 starting at 4 p.m. The evening will feature special-price beverages, hot and cold hors d'oeuvres and celebrity bartenders.

Save the date

The depot's annual Employee Appreciation Day is scheduled for

July 16 at the pavilion near Summerall Barracks.

There will be refreshments, entertainment and a variety of games and activities planned throughout the day.

More details will be published as they become available.

Free training

The American Red Cross of Lackawanna County is offering free health and safety training to members of the armed forces, veterans and their families.

Proof of military affiliation is required, as well as a voucher provided by the Red Cross.

For more information, call Tina Lawton, 207-0117, Monday through Friday, 8:30 a.m. to 4:30 p.m. Mention the "SAF" program.

Book fair scheduled

There will be a book fair in Building 11, by the Tobyhanna Federal Credit Union on Wednesday and co-located with the Travel Fair in Building 1C, Bay 1 near the tech library on Thursday.

Items will be on sale from 10 a.m. - 2p.m.

COMMUNITY BULLETIN

Editor's Note: The Community Bulletin provides an avenue for depot and tenant employees to advertise van or car pools, and for-sale items. Money making items such as rentals and personal business will not be accepted.

Information must be submitted via e-mail to Jacqueline.Boucher@us.army.mil, or written items can be mailed to the Public Affairs Office, mail stop 5076.

Submissions must include a name and telephone extension. Only home phone numbers will be published in the Trading Post section. Voluntary submission of items constitutes individual's consent to publish personal information in all versions of the Tobyhanna Reporter. Ads will be published in four consecutive newspapers. It is the customer's responsibility to update or renew items listed in the Community Bulletin.

For information, call Jacqueline Boucher, X58073.



VAN/CAR POOLS

Valley View, Mid-Valley area: 2 openings, van, nonsmoking, 7 a.m.-3:30 p.m., one opening is available immediately and the other will be available June 1, call Yvette, X56992.

Wyoming Valley Mall: 5/4/9, nonsmoking, call, X56170 or send e-mail to James.Eiden@us.army.mil.

Hazleton, Freeland, Mountain Top, surrounding areas: 2 openings, van, A placard, third shift, call X59069 or send e-mail to robert.j.tichy@us.army.mil.

Dickson City: new van, nonsmoking, 7a.m.-4:30 p.m., 5/4/9, both Fridays, house-to-house pickup, call Corey Fabricatore, X56978.

New Jersey: looking for someone to carpool, pick-up point is just off Interstate 80 in Allamuchy, N.J., call Robin, X57345.

North Scranton, Dunmore: 1 opening, 6 passengers, van, available May 3, nonsmoking, 7:30 a.m.-4 p.m., call Tom Davis, X56447 or 687-6137.

Jessup: 2 openings, van, 7 a.m.-3:30 p.m., nonsmoking, pick-up point is the Jessup park and ride, call Leonard Pesta, X56978 or send email.



TRADING POST

Vehicle: 1984 Chevrolet S-10, 2.8 liter V6, carbtorated, 2-wheel drive, automatic, newer tires, a/c, very little rust, recent paint, \$1,200 or best offer, call 233-0988.

House: Pocono Country Place, 5 miles from depot, 9 rooms, 4 bedrooms, 2½ baths, garage, wood stove, deck, asking \$165,000, call 894-9791 after 7 p.m.

Stove: GE electric glass top, 30-inch, model #JB700DNWW, white, paid \$799 at Lowes in December, make best offer and take it away, moving in June, call John, 282-5261 after 4:30 p.m.

House: 3 bedroom, 2 bath, 2-car detached garage, paved driveway, new natural gas heating system, home inspected, handicap assessable, great neighborhood, Valley View school district, \$120,000, call Jeff, 876-1353.

Electric lift: brand new, lift attaches to Class C hitch, operates electronically, no hand cranking, very easy to use, used only once to transport a scooter, asking \$250, need to sell ASAP, call Becky, 780-6180.

Motorcycle: 2008 Harley Ultra Classic, 105th

Anniversary Edition, like new, asking \$20,000, approx. 3,500 miles, lots of chrome, new pipes, additional chrome for install, a must see for serious riders, located in Scranton, to make an appointment, call 344-8312 after 5 p.m.

Scooter, lift: Victory 10, red, 4-wheel Pride scooter with electric lift, brand new, heavy-duty, wide seat, basket, headlight, weight capacity 350 lbs., and the lift attaches to class C hitch, electrically operated, no hand cranking, very easy to use. The scooter has never been used, and lift was only used to bring the scooter home, asking \$1,000 for both items. Willing to sell separately: scooter, \$600 and lift, \$400. Need to sell as soon as possible. Call Becky, 780-6180.

Misc: 2 ginger jar table lamps, \$70, world globe, \$5, adult roller blades, size 7, never worn, \$20, and knee protectors for roller blades, never used, \$10, call Lori, 876-3013.

Misc: 13-inch Sylvania television with remote, \$30; RCA 5-disc changer home theater system, \$60 and small Whirlpool electric dryer, great for apartment, \$50, call 466-3751.

Townhouse: Lake Ariel townhouse, approximately 2,160 sq. ft., 2 large bedrooms, 1.5 bath, big kitchen with ceramic tile, new hardwood floors in dining room, new carpet in basement and first floor, laundry on second floor, 2 car garage, central air, no outdoor maintenance, close to Lake Wallenpaupack and short drive to New York, asking \$195,000, call 499-7156.

Pen refills: 2 Parker rollerball refills, still packaged, black, medium, cost \$4.95 each, asking \$4 each, call 909-7206.

Wanted: children's outdoor playhouse in gently used condition, call 241-4679.

Furniture: dining room set, table for 8, hutch and serving table, \$800, call 862-4945.

Motorcycle: 2004 Ninja 250, great condition, 1,050 miles, looks new, matching leather riding jacket and helmet, perfect starter bike, asking \$2,000, negotiable, call Mike, X55760.

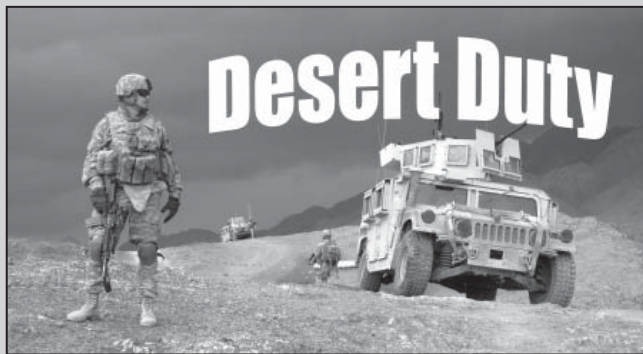
Moving sale: elliptical exercise machine with heart monitor, magazine holder, manual and several programs, excellent condition, \$150; cream-colored, pillow-backed sofa with 5 pillows, good shape, \$20; 2 cabinet coffee tables, good shape, some scratches, \$20; 6-drawer dresser with mirror, forest green with brown top, good shape, \$50, call 842-9115 after 5 p.m. to make offer or ask about additional items for sale.

Misc: artificial indoor house plant, 6 1/2 feet tall, in a woven bamboo basket, basket measures 20x14 inches, some parts of the tree extend 4 feet across, purchased from Penn Furniture, \$50 firm, call Tom, 655-6754.



REUSE, REDUCE, RECYCLE





Patricia Craig

Duty title: electronics mechanic

Directorate: Command, Control, Computer/Avionics

Since 2002, Craig has deployed 13 times to support the Standard Army Management Information Systems (STAMIS) and Tier III missions in Bosnia, Kuwait, and Iraq.

"I repair printers and laptops, order parts and answer phones," Craig said. "I also help customers fill out work orders, enter information into our database, and receive and ship packages."

Craig said she started deploying when her son was in college. She works seven-day, 12-hour shifts and finds her job very rewarding.

"Soldiers tell amazing stories and you would be very proud of most you meet," she said. "It is very rewarding to be able to fix their equipment quickly to help them complete their mission."

To ease the transition to a deployed location, Craig suggests people bring something "that makes them feel good" — a favorite photo, coffee mug or piece of clothing. It's also important, she said, to have friends and family send e-mails, cards, letters or care packages containing favorite snacks or health care products.

Bruce Marchegiani

Duty title: computer technician/site lead

Directorate: Communications Systems

Since 2006, Craig has deployed three times to support the STAMIS, Automation Systems, MC4 Medical Systems and Combat-Service-Support Automated Information Systems in Afghanistan and Iraq.

"I troubleshoot and repair equipment, receive and order parts, and ship parts and equipment to Forward Repair Activities, the depot or manufacturers," Marchegiani said. "I also enter information into our database and provide tech support over the phone."

Marchegiani said the best part of his job is knowing that he's helping the Soldier in the field.

"The hours are long, and every now and then you have to remind yourself why you're there," Marchegiani said. "However, the sense of accomplishment and satisfaction is well worth the sacrifice."

For those people thinking about deploying, Marchegiani says it's important to talk it over with family before making any decisions.

"I know if it wasn't for the great job my wife does taking care of our daughter, and the help she gets from her family, I wouldn't be able to deploy."

Volunteers provide on-site support in positions around the globe. Work schedule is typically 7 days per week, 12 hours per day. Overtime pay, locality pay, holiday pay, Sunday premium, Foreign Post Differential and danger pay are all offered based on eligibility. Training opportunities are available to individuals interested in volunteering for a deployment or temporary duty assignment. Supervisory approval is required before volunteering to deploy. The following intranet link offers more information on deployment opportunities and points of contact: <http://intranet.tobyhanna.army.mil/Intranet/contacts/view.cfm?MenuID=5111>

Engineer earns patent for trailer mount design

by Anthony Ricchiazzi
Editor

An engineer here has earned a patent providing Army Special Forces with an easily detachable trailer mount.

Gene Curran, a mechanical engineer in the Production Engineering Directorate, said Special Forces needed a generator trailer system that could be lifted by helicopter, but also had a platform that could be quickly separated from the trailer and transported separately.

This required a special mount that could withstand tremendous upward forces generated when helicopters lift the systems.

He began working on the mount design about five years ago for the Special Forces' 112th Signal Brigade at Fort Bragg, S.C. The new mount would go with the depot-designed Universal Power Pack Tactical trailer Generator system.

This power platform is a Humvee-towed tactical trailer system which can be configured for generators, including one or two each 18-kilowatt generators or 10-kilowatt Tactical Quiet Generators.

"We wanted to use ball mounts similar to your standard trailer hitch ball, while off-the-shelf items were great for downward, horizontal or shear forces, tended

to uncouple when large upward or separation forces existed," Curran said.

Curran developed a concept to encapsulate the standard hitch ball mount inside a cone shape with a round top section. The ball was held by two quick-disconnect pins that were placed into the mount below the large diameter of the ball when assembled.

"The concept can also be used as a standard trailer ball hitch such as the ones used on your car or truck to tow a trailer or boat," Curran said. "Its advantages are it is nearly impossible to pop open as sometimes commercial trailer hitches can do."

"It also has positive visual identification of being locked into place because you can see the pins through the mount when in place. In addition, it is a pure conical shape, and unlike other hitch receivers, will not collect dirt and dust which can cause other receivers to not properly seat."

He designed the system using Computer Aided Engineering (CAE) solids modeling to develop the concept, Finite Element Analysis computer stress analysis to make sure it was strong enough, and used Tobyhanna Army Depot's Rapid Prototype Machine to print a 3-D plastic model of the part for prototype development and fit test.

"The design was very simple, actually," Curran noted. "I was surprised we could not find this already existed commercially."

Curran said his design calls for an aluminum alloy, but it can be made of any material able to withstand the stresses of helicopter lifting and harsh field use. The system went through full military standard transportability, shock and vibration testing, as well as full environmental, sand and dust testing, at Aberdeen Proving Grounds, Md.

"We have a great engineering, CAE, and prototype group and it is never a one man show," Curran emphasized. "I came up with the initial concept and bounced it off our design team. We then worked with CAE personnel to print out the plastic model. When it all looked good, we consulted the Systems Integration and Support Directorate to verify they could actually make the item here. Everyone had great input which led to a successful final design."

The mounts have been manufactured since the initial UPP trailers were fielded about five years ago.

Curran said the same mounts have since been used on several variants of generator trailers designed for the program manager of Unmanned Aerial Systems and for the AN/TSC-93E Tactical Satellite System up armor redesign. The depot will field over 1,000 of the mounts on about 250 systems.

Curran encourages employees to develop ideas that not only benefit the warfighter, but may earn a patent. He says the process to earn a patent is worth it and that Production Engineering will assist employees.

"Production Engineering is always willing to help employees develop their ideas and associated engineering drawings and submit them, through our Legal Office, to the [U.S. Army CECOM Life Cycle Management Command's] patent office," Curran said.



Mechanical Engineer Gene Curran earned a patent for a detachable trailer mount he designed for Special Forces. (Photo by Steve Grzezdinski)



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Team 1 and Team 8 begin the Tobyhanna Adult Basketball League championship game on Wednesday. Team 8 claimed the title with a 57-54 score.



Depot commander Col. Charles C. Gibson (center left) and depot Sgt. Maj. Kelvin Spencer presented the Tobyhanna Adult Basketball League's Team 8 with championship trophies. (Photos by Tony Medici)

Close call in championship game

by Anthony Ricchiazzi
Editor

A see-saw battle on the court during Wednesday's championship game resulted in a narrow victory for Team 8 of the Tobyhanna Adult Basketball League.

After several lead changes, Team 8 proved more resilient and earned the top spot with a 57-54 final score.

Depot commander Col. Charles C. Gibson and depot Sgt. Maj. Kelvin Spencer presented Team 8 with trophies and Team 1 with medallions.

The league started out as pick-up games, said Capt. Philip Duff, who serves as league organizer, and referee along with Staff Sgt. Hector Pena.

"Teams are made up of depot employees; military, spouses and dependents from

housing; and people from the surrounding communities. We have a team of National Guardsmen from Stroudsburg."

Last summer, the players began talking about making it more formal, so Duff talked to Gibson and Spencer, and they agreed.

"I then talked to MWR (Morale, Welfare and Recreation) and they provided assistance in setting up a league, including use of the Mack Fitness and Recreation Center for games."

The league was 'officially' established in January 2010 with eight teams and all games are played at the Mack Fitness and Recreation Center.

"There has been some really good competition," Duff said. "We have some intense players."

Duff said team players are considering establishing a summer league.

Customers submit work requests via the Public Works intranet site

There are two types of Public Works Directorate (DPW) work request forms available to customers via the intranet—building repair/maintenance and equipment repair/maintenance.

Each form is used to help repair technicians respond appropriately to any given problem regarding depot facilities or equipment. To complete the forms, customers are required to respond to a series of questions related to their specific problem. Work request forms are located on the depot's intranet site, Public

Works folder, DPW Service/Maintenance Request WebForms link.

DPW's work order coordinator stresses that the correct information must be provided when submitting a work order. For instance, all barcoded equipment should go in as an

equipment repair/maintenance work request. Equipment work requests cannot be processed without a barcode. All other items should be submitted as a building repair/maintenance work request.

"The more information provided on the form, the more we'll be able to help get your work order processed in a timely and effective manner," said Katie Kerr, Equipment and Supply Division. "Missing information may cause delays in getting the work accomplished."

For more information, call Kerr at X57805.

(Editor's Note: *The Tobyhanna Reporter*, in coordination with the Public Works Directorate (DPW), will publish a series of articles highlighting procedural guidelines for working with DPW divisions.



Depot employees participated in incentive flights aboard a CH-47 Chinook and UH-60 Black Hawk as part of the Avionics Familiarization Training Day April 21. (Photo by Tony Medici)

AVIONICS from Page 4

indicated the event helped them understand where the items were located on the aircraft and how they work to support the aircrew.

"From our perspective, it was a tremendous success," said Wade Johnson, event coordinator. "The greatest gain for Tobyhanna is the opportunity for technicians to see how their work is integrated into the work that the warfighter is doing." Johnson is a logistics management specialist in the Business Management Directorate.

"This was a huge morale builder," said Joe Wassell,

Avionics Division chief and event co-coordinator.

"Everyone says you're important to the warfighter, but to hear it from a crew member . . ."

SCEP student Tiffany Lancia said she wants to learn the theory and application of electronics repair. The training opportunities and hands-on experience offered by the depot have helped her hone her skills. Lancia works in the Flight Control Systems Branch.

"The chance to sit in the Black Hawk opened my eyes to the extreme importance of the work I perform at the depot," Lancia said.

"I now have a better understanding of the work we do at Tobyhanna."